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20350 7590 03/08/2006

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DJ Bogorodsky (Depositor's name)  
*[Signature]* (Signature)  
June 8, 2006 (Date)

01 FC:1501 1400.00 DA  
02 FC:1504 300.00 DA

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/882,283	06/14/2001	Xiaopeng Chen	020945-001510US	7871

TITLE OF INVENTION: METHOD FOR ITERATIVE AND NON-ITERATIVE DATA DETECTION USING REDUCED-STATE  
SOFT-INPUT/SOFT-OUTPUT ALGORITHMS FOR COMPLEXITY REDUCTION

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	06/08/2006

EXAMINER	ART UNIT	CLASS-SUBCLASS
TORRES, JOSEPH D	2133	714-794000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
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2. For printing on the patent front page, list  
(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

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## 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

TrellisWare Technologies, Inc.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

San Diego, California

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

## 4a. The following fee(s) are enclosed:

- ☒ Issue Fee  
☒ Publication Fee (No small entity discount permitted)  
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- ☐ A check in the amount of the fee(s) is enclosed.  
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## 5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature

Date June 8, 2006

Typed or printed name

Ko-Fang Chang

Registration No. 50,829

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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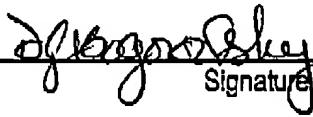


PTO/SB/97 (08-00)

## CERTIFICATE OF TRANSMISSION UNDER 37 CFR 1.8

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on June 8, 2006  
date

  
Signature

DJ Bogorodsky

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In re: application of: Xiaopeng Chen et al.Application Number: 09/882,283Filed: June 14, 2001Confirmation Number: 7871Title: METHOD FOR ITERATIVE AND NON-ITERATIVE DATA DETECTION USING REDUCED-STATE SOFT-  
INPUT/SOFT-OUTPUT ALGORITHMS FOR COMPLEXITY REDUCTIONAtty Docket Number: 020945-000110US KFC/djb

Being faxed to Box Issue Fee – Office of Publications Group 2133 at facsimile number  
1-571-273-2885 are the following documents:

This PTO/SB/97 Certificate of Transmission (1 page); and  
PTOL-85 Issue Fee Transmittal (1 page submitted in duplicate)

Number of pages being transmitted, including this page: 3

Townsend and Townsend and Crew LLP  
Telephone – 650-326-2400  
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